

pdsdata Reference Manual

Reference manual for pdsdata

This is a reference manual for the **pdsdata** library which holds software to read data from all the LCLS instruments. It is used by **myana** analysis framework/scripts, and also by **pyana**.

psana uses a different data library, but the data is the same, so you might still find useful information in this documentation, until the new data documentation is ready.

The pdsdata library

The library consists of the following packages:

- [Reference manual for ipimb](#)
- [Reference manual for encoder](#)
- [Reference manual for pnccd](#)
- [Reference manual for acqiris](#)
- [Reference manual for camera](#)
- [Reference manual for evr](#)
- [Reference manual for opal1k](#)
- [Reference manual for pulnix](#)
- [Reference manual for control](#)
- [Reference manual for xtc](#)
- [Reference manual for epics](#)
- [Reference manual for bld](#)
- [Reference manual for princeton](#)
- [Reference manual for fccd](#)
- [Reference manual for cspad](#)
- [Reference manual for lusi](#) LCLS Ultrafast Science Instruments

other applications

- [Reference manual for app](#)

Applications. This package is actually also in the pdsdata library. It contains scripts and readers that are using other packages from the pdsdata library.